HASSAN SUB-DIVISION.

Notification dated 12th November 1945.

No. C1. C. 1723—41-42. It is hereby notified for general information of the public that the Pateli Office of Sarvamanya Hebbale village, Kasaba Hobli, Arkalgud Taluk, has fallen vacant owing to the Baravardar not entering upon his duties. Hakdars, if any, may apply to the Amildar, Arkalgud, within two years from the date of this notification published in the *Mysore Gazette*, failing which the Hak will be forfeited to Government and other arrangements made for the conduct of Government works. Claims preferred after the said period will not be considered.

3007 H. S. MALLARAJA URS, *S.D.O.*

FOREST DEPARTMENT

OFFICE OF THE CONSERVATOR OF FORESTS, SHIMOGA CIRCLE, SHIMOGA.

Notification dated 10th November 1945.

No. M. 2-28—45-46. It is hereby notified for the information of the public that under the proviso to Rule 4 (*b*) of the Rules for the protection of Game and Fish in Mysore, the area within a radius of five miles of Makonahalli Village, Kasaba Hobli, Mudigere Taluk, Kadur District, is thrown open for a period of three months for free shooting of tigers said to be causing havoc in the locality.

3011 P. KRISHNASWAMY RAO, *Chief Consr. of Fts.* I/c

OFFICE OF THE CONSERVATOR OF FORESTS, SHIMOGA.

Notification dated 12th November 1945.

No. M. 2-28—45-46. It is hereby notified for the information of the public that under the proviso to Rule 4 (*b*) of the Rule for the protection of game and fish in Mysore, the area within a radius of five miles of Aggunda Village, Kasaba Hobli, Arsikere Taluk, Hassan District, is thrown open for a period of three months for free shooting of tigers said to be causing havoc in the locality.

3039 P. KRISHNASWAMY RAO, *Chief Consr. of Fts.*

UNIVERSITY OF MYSORE

Notification dated 8th August 1945.

Amendment No. 33.

No. Ex. 2-425—44-45. *Ordinance 99* (Page 89 of the Mysore University Calendar for 1942-43, Volume I) has been amended as under :

Add the following to paragraph 2 of Ordinance 99 :—

" This rule shall also be applicable to Graduates who are directly admitted to the Second Year B.E. class under Ordinance 96 and who have to appear for certain subjects of the First Examination."

Paragraph 2 as amended will read as follows :—

" No candidate shall be permitted to appear for the First Examination in Engineering after having failed three times in the Examination. This rule shall also be applicable to Graduates who are directly admitted to the Second Year B.E. class under Ordinance 96 and who have to appear for certain subjects of the First Examination."

(*Letter No. E.* 5824—*Uni.* 14-44-45, *dated 29th May* 1945, *from the Education Secretary to Government.*)

Amendment No. 34.

Notification dated 8th August 1945.

No. Ex. 2-425—44-45. I. The following is the revised course of study and scheme of examination for the B.E. Degree :—

(i) That the title of the paper 'Machine design' for the Second Examination (Mechanical and Electrical) be changed to 'Theory of Machines.'

(ii) That for the First Examination in Engineering there be only one theory paper in Building Materials and Survey Theory of three hours' duration instead of two separate papers of three hours each and that the subjects in the First and Second Examinations be re-grouped.

(iii) That in the scheme of examination for the Third Examination in Engineering (Mechanical), group II, item (8) " Mechanical Laboratory " be *deleted.*

(iv) That there be two papers, one in Applied Mechanics of three hours' duration and one in Graphic Statics of three hours' duration for the Third Examination in Engineering instead of one paper of four hours' duration and that the revised scheme for the Third Examination in Engineering be as in Appendix.

(v) That the detailed syllabus and the scheme of examinations for the Third year having common subjects for the Third Examination in Engineering (Mechanical and Electrical) and scheme of examination for the Final Examination (Civil, Mechanical and Electrical) be revised.

Note.—The revision in respect of (i) to (v) is given in Appendix.

(vi) That the present detailed syllabus for 'Photography be deleted and this be substituted by 'Elements of Photography.'

(vii) That the present detailed syllabus for 'Physical Education' be replaced by 'Physical education or games is compulsory.'

II. Consequent on the above revision, the following is the revised scheme of examination for B.E. Degree :—

(*Vide* pages 419-425 of the University Calendar for 1942-43, Vol. I.)

(*G. O. No. E.* 5783—*Uni.* 2-44-17, *dated the 26th May* 1945, *from the Secretary to Government, Education Department.*)

Revised Scheme of Examination for B.E. Degree.

Sl. No.	Subject	No. of papers	Hours for each paper.	Marks for written examination.	Oral and Practical.	Marks for records of class works.	Total
	First Examination in Engineering.						
	(All Branches—Group I.)						
1	Algebra and Calculus ...	1	3	100	...	25	
2	Analytical Geometry and Trigonometry.	1	3	100	...		
3	Mechanics and Mensuration	...	...	...	...	25	
4	Engineering Physics ...	1	3	100	...	25	
5	Engineering Chemistry ...	1	3	100	...	25	
	Total ...	...	...	400	...	100	500
	Group II.						
6	Economics ...	1	3	100	...		
7	Building Materials and Survey Theory	1	3	100	...	25	
8	Mechanical Engineering and Metallurgy.	1	3	100	...	25	
9	Drawing ...	...	...	...	...	50	
10	Surveying Practice ...	...	...	...	...	50	
11	Workshop ...	...	...	...	...	50	
	Total ...		...	300	...	200	500
	Grand Total ...	7	...	700	...	300	1,000
	Second Examination in Engineering.						
	Civil—Group I.						
1	Mathematics ...	1	3	75	...	10	
2	Applied Mechanics Laboratory.	...	...	...	...	20	
3	Hydraulics ...	1	3	75	...	20	
4	Geology ...	1	3	75	...	50	
5	Surveying ...	...	...	...	75	50	
	Total ...	...	...	225	75	150	450
	Group II.						
6	Mechanical Engineering ...	1	3	100	...	25	
7	Electrical Engineering ...	1	3	100	...	25	
8	Freehand, Geometrical and Machine Drawing.	1	4	100	...	50	
9	Workshop ...	...	...	...	75	25	
10	Mechanical Laboratory ...	...	...	...	...	25	
11	Electrical Laboratory ...	...	...	...	...	25	
	Total ...	...	...	300	75	175	550
	Grand Total ...	6	...	525	150	325	1,000
	Mechanical and Electrical—Group I.						
1	Mathematics ...	1	3	75	...	10	
2	Applied Mechanics Laboratory.	...	...	...	...	20	
3	Hydraulics ...	1	3	75	...	20	
4	Civil Engineering ...	1	3	75	...	...	
5	Surveying ...	...	...	...	75	50	
6	Building Drawing ...	...	...	...	...	50	
	Total ...	...	...	225	75	150	4
	Group II.						
7	Electrical Technology ...	1	3	100	...	25	
8	Freehand, Geometrical and Machine Drawing.	1	4	100	...	50	
9	Theory of Machines ...	1	3	100	...	50	
10	Workshop ...	...	...	...	75	50	
	Total ...	...	...	300	75	175	
	Grand Total ...	6	...	525	150	325	1

Third Examination in Engineering.

Sl. No.	Subject	No. of papers	Hours for each paper.	Marks for written examination.	Oral and Practical.	Marks for records of class work	Total
	Civil—Group I.						
1	Mathematics ...	1	3	100	...	20	
2	Applied Mechanics ...	1	3	100	...	30	
3	Graphic Statics ...	1	3	75	...	50	
	Total ...	...	...	275	...	100	375
	Group II.						
4	Building Construction and Architecture.	1	3	100	...	25	
5	Building Drawing ...	1	4	100	...	100	
6	Surveying ...	1	3	100	100	100	
	Total ...	...	...	300	100	225	625
	Grand Total ...	6	...	575	100	325	1,000
	Mechanical—Group I.						
1	Mathematics ...	1	3	100	...	20	
2	Applied Mechanics ...	1	3	100	...	30	
3	Graphic Statics ...	1	3	75	...	50	
	Total ...	...	...	275	...	100	375
	Group II.						
4	Theory of D. C. Machines...	1	3	100	...	25	
5	Hydraulic Machinery ...	1	3	100	...	25	
6	Heat Engines ...	1	3	100	...	25	
7	Workshop ...	...	...	...	100	50	
8	Machine Drawing ...	...	...	...	...	50	
9	Electrical Laboratory and Drawing.	...	...	...	...	50	
	Total ...	...	...	300	100	225	625
	Grand Total ...	6	...	575	100	325	1,000
	Electrical—Group I.						
1	Mathematics ...	1	3	100	...	20	
2	Applied Mechanics ...	1	3	100	...	30	
3	Graphic Statics ...	1	3	75	...	50	
	Total ...	...	...	275	...	100	375
	Group II.						
4	Theory of D. C Machines...	1	3	100	...	25	
5	Hydraulic Machinery ...	1	3	100	...	25	
6	Heat Engines ...	1	3	100	...	25	
7	Workshop ...	...	...	...	...	50	
8	Electrical Machine Drawing.	...	...	...	...	50	
9	Electrical Laboratory ...	...	...	...	100	50	
	Total ...	...	...	300	100	225	675
	Grand Total ...	6	...	575	100	325	1,000

Final Examination in Engineering.

Sl. No.	Subject	No. of papers	Hours for each paper.	Marks for written examination.	Oral and Practical.	Marks for records of class work.	Total
	Civil—Group I.						
1	Irrigation ...	1	3	125	...	25	
2	Water Supply and Sanitary Engineering.	1	3	100	...	25	
3	Roads and Bridges ...	1	3	100	...	25	
4	Irrigation and Bridge Drawing.	1	4	100	...	75	
5	Hydraulic Laboratory ...	...	...	...	50	50	
	Total ...	...	...	425	50	200	675
	Group II.						
6	Estimating, Specification and Engineering Economics.	1	3	100	...	25	
7	Structural Design ...	1	3	100	...	25	
8	Structural Drawing ...	...	...	...	...	75	
9	Railways, Tunnels and Harbours	1	3	100	...	25	
10	Surveying Theory ...	1	3	100	...	...	
11	Surveying Practice (Project Work).	...	...	...	70	100	
12	Testing of Materials Laboratory	...	...	...	50	50	
	Total ...	...	...	400	125	300	825
	Grand Total ...	8	...	825	175	500	1,500
	Mechanical—Group I.						
1	Heat Engines and Water Supply.	1	3	100	...	25	
2	Workshop Theory ...	1	3	100	...	25	
3	Power Plant Engineering...	1	3	100	...	25	
4	Theory of A. C. Machinery	1	3	100	...	25	
5	Electrical Laboratory I ...	...	...	...	50	50	
6	Mechanical Laboratory I ...	...	...	...	100	75	
7	Project Drawing ...	...	...	...	...	50	
	Total ...	...	...	400	150	275	825
	Group II.						
8	Structural Design ...	1	3	100	...	25	
9	Machine Design ...	1	3	100	...	25	
10	Estimating, Specification and Engineering Economics.	1	3	100	...	25	
11	Machine Drawing ...	1	4	100	...	75	
12	Mechanical Laboratory II.	...	...	...	50	75	
	Total ...	...	...	400	50	225	675
	Grand Total ...	8	...	800	200	500	1,500
	Electrical—Group I.						
1	Generation and Hydro-electric Engineering.	1	3	100		25	
2	Transmission and Distribution.	1	3	100	...	25	
3	Traction and Communication.	1	3	100	...	25	
4	Estimating, Specification and Engineering Economics.	1	3	100	...	...	
5	Mechanical Laboratory ...	...	...	...	75	75	
6	Electrical Project Drawing	...	...	...	...	100	
	Total ...	...	...	400	75	250	725
	Group II.						
7	Theory of A. C. Machinery	1	3	100	...	25	
8	Electrical Drawing Design	1	4	100	...	25	
9	Electrical Machine ...	1	3	100	...	25	
10	Structural Design ...	1	3	100	...	25	
11	Electrical Laboratory ...	...	...	...	125	100	
	Total ...	...	...	400	125	250	775
	Grand Total ...	8	...	800	200	500	1,500

SYLLABUS.

Third Examination in Engineering.

MECHANICAL AND ELECTRICAL BRANCHES.

HEAT ENGINES.

(*a*) *Fuels* :—

As at present for Third Examination (Electrical).

(*b*) *Engines* :—

General.—As at present for Third Examination (Electrical).

Laws of Thermodynamics.—

As at present for Third Examination (Electrical).

Add the following at the end of the paragraph :—

Work done in Compressing Air in Compressors—Adiabatic and isothermal compression. Methods of reducing losses. Single and multistage Air Compressors.

Internal Combustion and Hot Air Engines.—As at present for Third Examination (Electrical).

Add the following at the end of the paragraph :—

Stirlings' engine, Ericsons' engine, Joule's engine.

Properties of Steam
Generation of Steam
Theory of the Steam Engine
Theory of Turbines
Mechanical Refrigeration

} As at present for Third Examination (Electrical).

Final Examination in Engineering.

MECHANICAL BRANCH.

(Advanced Heat Engines and Water Supply).

(A) HEAT ENGINES.

Properties of Steam.—*Delete* paragraphs 1, 2, 3, 4, 5, 6, 7, 12 and 13 and *add* the following paragraph :—

Steam Engines.—Calculation pertaining to Ratio of Cylinder volumes—effects of receiver: Indicator card and diagram factor.

Turbines.—The design of the profile of turbine nozzles and blades. Reaction turbines—Parsons' Ljungstom and other types.

Compressed Air Tools.—Compressed air tools, drills, rivetters, hammers, etc. Transmission of power by Compressed air.

Balancing and Governing of Engines and Turbines—Crank effort and Crank effort diagrams. Fly-wheels. Balancing of engines.

Theory and design of Governors. Several types of Governors Throttle and cut off Governors for engines and turbines.

Cams and Valve Gears.—Design of Camprofiles for Internal Combustion engines. Valve Gears for internal combustion engines.

(B) WATER SUPPLY.

Value and importance of water supply. Quantity of water. Quality of water. Construction of water works. Purification of water.	As at present for Final Examination in Engineering (Mechanical).

Delete paragraph 6 and add the following :—

Pumps, Pumping and Distribution—Design of blades, motors and casings of Centrifugal pumps, Design of simple force and other pumps; Air Vessels.

Systems of supply, pipes and conduits, service reservoirs, water towers and standpipes. Distribution systems and appliances such as valves, hydrants, etc., Maintenance and repairs.

III. That the present detailed syllabus for "Photography" and Physical Education have been amended as under (page 418-425 of Calendar, Vol. I, for 1942-43) :—

GENERAL—COMMON TO ALL BRANCHES.

1. *Delete* the word "Photography" and *substitute* "Elements of Photography".
2. *Delete* the words "Physical education" and *replace* "Physical education or games is compulsory."

528 D. S. GORDON, *Registrar.*

OFFICE OF THE PRINCIPAL, CENTRAL COLLEGE, BANGALORE.

Notification dated 13th November 1945.

Applications for admission to the University Examinations, 1946.

No. 2820. In continuation of this Office Notification No. 2783, dated 10th November 1945, it is hereby notified that the last date for the receipt of the applications from the candidates desirous of appearing for the Examination for Diploma in Commerce Preliminary, 1946, at the College Office is *Wednesday* the 2 *th November* 1945.

Candidates who wish to appear for the above Examination should apply in writing to the Principal, Central College, Bangalore, for forms of application mentioning the year or years in which they had already appeared. The examination fees must be paid into a Mysore Government Treasury to the credit of the "Mysore University Funds" and the receipted Treasury chellan forwarded with the application. The fees of candidates who are outside the Mysore State must be sent by Postal Money Order to the Chief Pay and Accounts Officer, University of Mysore, Bangalore Branch, Central College, Bangalore. Money Orders sent to the address of the Principal will be refused.

All the columns in the application form must be accurately and completely filled up. Incomplete applications will not be accepted.

The date of birth must correspond with the date given in the previous year or years; and this should be the same as entered for the S.S.L.C. or Matriculation Examination. Any change in the date of birth will lead to serious difficulties.

The scale of fees for admission to the Examination is as follows: (*Vide* pp. 60—61 of Calendar, *Vol.* I—1942-43):—

	Rs.
Post-Secondary Diploma in Commerce—Preliminary ...	15

544a A. SUBBA RAO, *Principal.*

OFFICE OF THE PRINCIPAL, INTERMEDIATE COLLEGE, BANGALORE.

Notification dated 17th November 1945.

Regarding the last date, etc., for receipt of applications for Intermediate Examination, March 1946.

Candidates not successful at the Intermediate Examinations of (March and September) 1945, or any preceding year and who have not rejoined this College during the current year and who are eligible and desire to appear for the March Intermediate Examination of 1946 through this College, in private, should send their applications in the prescribed form. The prescribed fee must be paid by the candidates into the nearest Mysore Government Treasury to the credit of the Mysore University Funds. Any fee sent in cash or in any other form by the candidates will not be accepted.

The candidate will further note that applications received by post or otherwise after the due date or unaccompanied by the duplicate treasury chellan or incomplete in any part or respect will be rejected.

The form of application for admission to the examination can be had at the College Office or can be obtained on application to the undersigned after the 23rd November 1945, upon furnishing the following information:

1	Name as in the College Register ...	.....
2	Present postal address of the applicant.	.....
3	(a) The class, (b) Section and (c) the year in which the candidate was studying last in this College.	(a) ..... (b) ..... (c) .....
4	The fact whether the applicant is a student of Arts or Science.	.....

The last date for the receipt of applications in the College Office is *Monday the 3rd December* 1945.

The following is the scale of fee for the Intermediate Examination:—

		Rs.
1	Intermediate in Arts or Science (whole examination) ...	30
2	Intermediate in Arts or Science (Part I) ...	10
3	Intermediate in Arts or Science (Part II) ...	5
4	Intermediate in Arts or Science (Part III) ...	20

543 L. RAMA RAU, *Principal.*

MAHARANI'S COLLEGE FOR WOMEN, BANGALORE.

Notification dated 6th November 1945.

Application for Admission to the University Examinations, 1946.

No. 676. It is hereby notified that the last date for the receipt of applications from regular as well as private candidates in the College Office is Monday the 26th November 1945.

Failed candidates who have not rejoined the College this year and who wish to appear for the examinations, 1946, in private must apply in writing to the Principal for application forms in the third week of November 1945, mentioning the year or years in which they have already appeared and the part and parts in which they propose to appear again.

The examination fees of failed students who are appearing as private candidates must be paid into a Mysore Government Treasury to the credit of the "Mysore University Funds" and the receipted Treasury chellan forwarded with the application. The fees of candidates who are outside Mysore State must be sent by Postal Money Order to the Chief Pay and Accounts Officer, University of Mysore, Bangalore Branch, Central College, Bangalore. Money orders sent to the address of the Principal will be refused.

The applications of candidates who are in arrears in respect of fees, fines, hostel dues, or the return of library books will not be accepted.

All the columns in the application form must be accurately and completely filled. Incomplete applications will not be accepted. The following columns must be correctly filled in.:—

1	The Register Number and the year of passing the qualifying examination.	.....
2	Year in which the candidate completed the course.	.....
3	Year of previous appearance, if any, with register number.	.....
4	Whether passed in any part already? If so, in what part and in which year. Part or parts in which the candidate desires to appear.	.....
5	Whether the candidate is appearing for the examination under Ordinance 54?	.....
6	Amount paid and the Treasury into which paid must be entered.	.....

The date of birth must correspond with the date given in the previous year or years; and this should be the same as entered for the S.S.L.C. or Matriculation examination. Any change in the date of birth will not be accepted.

The scale of fees for admission to the several Examinations of the University is as follows :—

		Rs.
1	Intermediate Arts or Science :—	
	Whole	30
	Part I	10
	Part II	5
	Part III	20
2	(a) B.A. Degree whole (plus Rs. 5 for Science subjects)	40
	(b) Compulsory English	10
	(c) Compulsory Second Language	6
	(d) Optional Subjects (plus Rs. 5 for Science subjects)...	30
3	(a) B.Sc Degree, whole	50
	(b) Compulsory English	10
	(c) Compulsory Second Language	6
	(d) Optional subjects	40